



Patent
Docket 270/219

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)
Inventor: O'CONNOR, Stephen D., et al.) Group Art Unit: 1723
Serial No.: 10/046,071) Examiner: Not yet assigned
Filed: January 11, 2002) Attorney Docket: 270/219
For: MULTI-STREAM MICROFLUIDIC)
MIXERS)

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

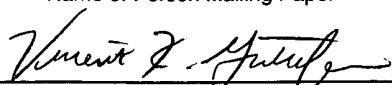
In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicants is not to be construed that any such patent, publication, or other information referred to therein is material or considered to be material

CERTIFICATE OF MAILING
(37 C.F.R. § 1.8)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

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Vincent K. Gustafson
Name of Person Mailing Paper

Signature of Person Mailing Paper

(37 CFR § 1.97(h)), or even qualifies as "prior art" to the invention unless specifically designated by Applicants.

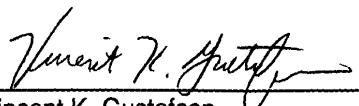
Patent
Docket 273/156

It is believed that this IDS is timely filed before the mail date with respect to this application on the merits (in satisfaction of 37 C.F.R. 1.97(b)), and therefore no

Office Action
is required.

Respectfully submitted,

Dated: September 30, 2002


Vincent K. Gustafson

Reg. No. 46,182



32763

PATENT TRADEMARK OFFICE

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Encl: Completed form PTO-1449
One copy each of references cited in completed form PTO-1449 (13 total)
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ATTY. DOCKET NO.
270/219SERIAL NO.
10/046,071

APPLICANT:

O'Connor, et al.

FILING DATE:

January 11, 2002

GROUP:

1723

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use s v ral sh ets if nec ssary)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
A1	6,190,034	02/20/01	Nielsen, et al.	366	336	10/01/96
A2	5,904,424	05/18/99	Schwesinger, et al.	366	336	03/28/96
A3	5,858,188	01/12/99	Soane, et al.	204	454	04/04/96
A4	5,698,299	12/16/97	Schmidt, et al.	428	209	05/09/95
A5	5,534,328	07/09/96	Ashmead, et al.	428	166	12/02/93
A6	5,070,606	12/10/91	Hoopman, et al.	29	890.09	10/04/89
A7						
A8						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASSIFICATION	TRANSLATION? YES NO
B1	WO 99/29497 •	06/17/99	WIPO/PCT	Kennedy	B32B 3/00	
B2	WO 98/45693 •	10/15/98	WIPO/PCT	Soane, et al.	G01N 27/26	
B3	WO 97/12665 •	04/10/97	WIPO/ PCT	Nielsen, et al.	B01F 5/00	
B4						
B5						

EXAMINER INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

C1	Branebjerg, Jens, et al., "Fast Mixing by Lamination," Proc. Micro Electro Mechanical Systems Workshop, pp. 441-446, IEEE (1996) •
C2	Miyake, Ryo, et al., "Micro Mixer with Fast Diffusion," Proc. Micro Electro Mechanical Systems Workshop, pp. 248-253, IEEE (1993) •
C3	Mensinger, H., et al., "Microreactor With Integrated Static Mixer and Analysis System," Micro Total Analysis Systems, pp. 237-240, Kluwer, The Netherlands (1995) •
C4	Larsen, Ulrik D., et al.. "Fast Mixing by Parallel Multilayer Lamination," Analytical Methods & Instrumentation, Proc. 2 nd International Symposium Miniaturized Total Analysis Systems µTAS-96, pp. 228-230 (1996)

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609;
 Draw line through citation if not in conformance and not considered. Include a copy of this form with
 next communication to applicant